

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 128500 | (@AD<"20030731" or @RLAD<"20030731") and "terminal" adj (equipment or apparatus or device or element or unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 10:50 |
| L2 | 12068 | L1 and (replac\$3 or switch\$3 or (fail adj over)) with (redundant or second or spared or secondary or standby) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 11:26 |
| L3 | 378 | 2 and (transmi\$5 or send\$3 or deliver\$3) adj10 (state or status or condition or indicat\$3) adj10 (processor or controller or server or monitor or manager) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 10:54 |
| L4 | 19 | 3 and fault adj toleran\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 11:07 |
| L5 | 6 | 2 and "terminal" adj (equipment or apparatus or device or element or unit) adj10 (transmi\$5 or send\$3 or deliver\$3) adj10 (state or status or condition or indicat\$3) adj10 (processor or controller or server or monitor or manager) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 11:26 |
| L6 | 0 | 2 and "terminal" adj (equipment or apparatus or device or element or unit) adj10 (broadcast\$3 or distribut\$3) adj10 (state or status or condition or indicat\$3) adj10 (processor or controller or server or monitor or manager) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 10:56 |
| L7 | 0 | (@AD<"20030731" or @RLAD<"20030731") and (terminal or device or apparatus or equipment) near10 (receiv\$3 or collect\$3 or gather\$3 or send\$3 or transmit\$4 or broadcast\$3 or distribut\$3)) adj5 (state or status or indicat\$3 or condition or health or error or fault or health) adj10 (server or controller or manager or process\$3 or monitor) and (multiple or plurality or second or both or all) adj5 ((terminal or device or apparatus or equipment) and (server or controller or manager or process\$3 or monitor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 11:32 |

EAST Search History

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| L8 | 0 | (@AD<"20030731" or @RLAD<"20030731") and (terminal or device or apparatus or equipment) near10 (receiv\$3 or collect\$3 or gather\$3 or send\$3 or transmit\$4 or broadcast\$3 or distribut\$3)) adj5 (state or status or indicat\$3 or condition or health or error or fault or health or heartbeat or heart adj beat) adj10 (server or controller or manager or process\$3 or monitor) and (multiple or plurality or second or both or all) adj5 ((terminal or device or apparatus or equipment) and (server or controller or manager or process\$3 or monitor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 11:33 |
| L9 | 5094 | (@AD<"20030731" or @RLAD<"20030731") and (terminal or device or apparatus or equipment) near10 (receiv\$3 or collect\$3 or gather\$3 or send\$3 or transmit\$4 or broadcast\$3 or distribut\$3) adj5 (state or status or indicat\$3 or condition or health or error or fault or health or heartbeat or heart adj beat) adj10 (server or controller or manager or process\$3 or monitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:04 |
| L10 | 2 | 9 and ("all" or "both") adj5 (terminal or device or apparatus or equipment) near10 (receiv\$3 or collect\$3 or gather\$3 or send\$3 or transmit\$4 or broadcast\$3 or distribut\$3) adj5 (state or status or indicat\$3 or condition or health or error or fault or health or heartbeat or heart adj beat) adj10 (server or controller or manager or process\$3 or monitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 11:35 |
| L11 | 3 | 9 and ("all" or "both" or "each" or "every") adj5 (terminal or device or apparatus or equipment) near10 (receiv\$3 or collect\$3 or gather\$3 or send\$3 or transmit\$4 or broadcast\$3 or distribut\$3) adj5 (state or status or indicat\$3 or condition or health or error or fault or health or heartbeat or heart adj beat) adj10 (server or controller or manager or process\$3 or monitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 12:06 |
| L12 | 127 | 9 and (duplicat\$3 or redundant or backup or standby) adj5 ((terminal or device or apparatus or equipment) and (server or controller or manager or process\$3 or monitor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 12:09 |

EAST Search History

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| L13 | 1 | 11 and 12 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 12:08 |
| L14 | 24 | 9 and (duplicat\$3 or redundant or backup or standby) adj ((terminal or device or apparatus or equipment) and (server or controller or manager or process\$3 or monitor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 12:57 |
| L15 | 0 | 9 and fault adj toleran\$2 and (duplicat\$3 or redundant or standby) adj3 (payload or bearer) adj2 processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 12:58 |
| L16 | 0 | 9 and fault adj toleran\$2 and (duplicat\$3 or redundant or standby) adj3 (payload or bearer) adj3 (server or processor or monitor or controller or manager) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 12:59 |
| L17 | 0 | fault adj toleran\$2 and (duplicat\$3 or redundant or standby) adj3 (payload or bearer) adj3 (server or processor or monitor or controller or manager) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:03 |
| L18 | 2 | (duplicat\$3 or redundant or standby) adj3 (payload or bearer) adj3 (server or processor or monitor or controller or manager) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:02 |
| L19 | 38 | (second or secondary or multiple or plurality) adj3 (payload or bearer) adj3 (server or processor or monitor or controller or manager) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:38 |
| L20 | 0 | fault adj toleran\$2 and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:08 |
| L21 | 0 | 9 and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:04 |
| L22 | 29 | (@AD<"20030731" or @RLAD<"20030731") and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:08 |

EAST Search History

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| L23 | 5 | 22 and "mobile switching center" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:05 |
| L24 | 4 | (switchover or switch\$3 adj over or failover or fail adj over) and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:10 |
| L25 | 2 | (switchover or switch\$3 adj over or failover or fail adj over) and 22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:10 |
| L26 | 10 | (@AD<"20030731" or @RLAD<"20030731") and (second or secondary or multiple or plurality) adj3 (payload or bearer) adj3 (generator) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:38 |
| L27 | 20 | (@AD<"20030731" or @RLAD<"20030731") and (second or secondary or multiple or plurality or redundant or standby or backup) adj3 (payload or bearer) adj3 (generator or processor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:40 |
| L28 | 5 | 27 not 22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:39 |
| L29 | 20 | (@AD<"20030731" or @RLAD<"20030731") and (second or secondary or multiple or plurality or redundant or standby or backup or duplicat\$3 or replicat\$3) adj3 (payload or bearer) adj3 (generator or processor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:41 |
| S1 | 901 | (@AD<"20030731" or @RLAD<"20030731") and "line terminal equipment" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 11:59 |
| S2 | 12589 | (@AD<"20030731" or @RLAD<"20030731") and "mobile switching center" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 14:23 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S3 | 535 | (@AD<"20030731" or @RLAD<"20030731") and (SONET or SDH or SONET/SDH) adj interface | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 07:39 |
| S4 | 45 | (@AD<"20030731" or @RLAD<"20030731") and OC3 adj link | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 11:58 |
| S5 | 5 | S2 and (payload adj processor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 10:42 |
| S6 | 3 | S1 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 08:15 |
| S8 | 1527 | (@AD<"20030731" or @RLAD<"20030731") and "line terminal" adj (equipment or apparatus or device or element or unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 11:57 |
| S9 | 3 | (S2 and S8) and (payload adj processor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 11:56 |
| S10 | 3 | ((("5073774") or ("6219336") or ("6359858")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/12 11:05 |
| S11 | 8 | (S2 and S8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 11:53 |
| S12 | 3 | S8 and (payload adj processor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 11:56 |
| S13 | 3 | S8 and (payload near3 processor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:08 |

EAST Search History

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| S14 | 128500 | (@AD<"20030731" or @RLAD<"20030731") and "terminal" adj (equipment or apparatus or device or element or unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 00:33 |
| S15 | 6 | S14 and OC3 adj link | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 11:58 |
| S16 | 3 | (@AD<"20030731" or @RLAD<"20030731") and "line terminal" adj (device or apparatus or equipment) and (redundan\$2 or protect\$3 or toleran\$2) near10 switch\$3 and (bearer or payload) adj3 (processor or control\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:04 |
| S17 | 15 | ("3305791" "3451042" "4030069" "4365247" "4835773" "4939736"). PN. OR ("5073774").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/12 12:03 |
| S18 | 11 | (@AD<"20030731" or @RLAD<"20030731") and S17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:07 |
| S19 | 9 | ("5216666" "5546403" "5757806" "6049525").PN. OR ("6219336").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/12 12:05 |
| S20 | 37 | ("5229990" "5420858" "5671213" "5740157" "5781527" "5848227" "5884046" "6144633" "6188667"). PN. OR ("6359858").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/12 12:05 |
| S21 | 20 | ("5073774" "5484571" "5485571" "5839064" "5859895" "6038456" "6219336" "6317426" "6330168" "6353593" "6359565" "6359858" "6477167" "6498792" "6501758" "6567401" "6590864" "6870860" "6891836" "7027390").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/12 12:06 |
| S22 | 73 | (S18 or S19 or S20 or S21 or S10) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/12 12:07 |
| S23 | 73 | (@AD<"20030731" or @RLAD<"20030731") and S22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:08 |

EAST Search History

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| S24 | 72 | (@AD<"20030731") and S22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:08 |
| S25 | 3 | S23 and (bearer or payload) adj3 (process\$3 or control\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 00:37 |
| S26 | 3 | S23 and "mobile switching center" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 13:05 |
| S27 | 128500 | (@AD<"20030731" or @RLAD<"20030731") and "terminal" adj (equipment or apparatus or device or element or unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 01:03 |
| S28 | 24 | S27 and automatic\$4 with switch\$3 adj over with (fault or faulty or error or fail\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 10:48 |
| S29 | 9 | S28 and (bearer or payload) adj3 (process\$3 or control\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 00:37 |
| S30 | 35 | S27 and automatic\$4 with (fail or switch\$3) adj over with (fault or faulty or error or fail\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 01:02 |
| S31 | 0 | S30 and ((collect\$3 or gather\$3) and (broadcast or distribut\$3)) adj5 (state or status or indicat\$3 or condition) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 01:04 |
| S32 | 45 | (@AD<"20030731" or @RLAD<"20030731") and "terminal" adj (equipment or apparatus or device or element or unit) and (bearer or payload) adj process\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 01:03 |
| S33 | 0 | S32 and ((collect\$3 or gather\$3) and (broadcast or distribut\$3)) adj5 (state or status or indicat\$3 or condition) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 01:04 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| S34 | 2 | S32 and ((collect\$3 or gather\$3) and (broadcast or distribut\$3)) adj5 (state or status or indicat\$3 or condition or health or error or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 01:07 |
| S35 | 11 | S32 and (send\$3 or transmit\$4 or broadcast\$3 or distribut\$3) adj5 (state or status or indicat\$3 or condition or health or error or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 01:08 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L2 | 89 | (@AD<"20030731" or @RLAD<"20030731") and fault adj toleran\$2 and duplicat\$3 near10 ((processing or processor) and (terminal or end-unit or device)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 18:36 |
| L3 | 45 | 2 and multiplex\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 18:37 |
| L4 | 81 | (@AD<"20030731" or @RLAD<"20030731") and fault adj toleran\$2 and triple adj redundancy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 18:36 |
| L5 | 24 | 4 and multiplex\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/13 19:04 |